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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

spond to a conection or inform	alion unless it displays a valid offic control number.
Attorney Docket No.	2550/196
First Inventor	Ward Titus
Title	An Improved MOS Varactor For LC VCOs
Express Mail Label No.	EV 401275886 US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 17] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description (Claim(s))	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS				
Claim(s) Abstract of the Disclosure					
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 21] 5. Oath or Declaration [Total Sheets 3]] a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and suppoper specification following the title, or in an Application Data Sheet under 3 Continuation Divisional Continuation	7 CFR 1.76:				
Continuation Divisional Continuation-in-part (CIP) of prior application No.:					
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPONDENCE ADDRESS					
X Customer Number: 002101 OR Correspondence address below					
Name					
Address					
City	State Zip Code				
Country 7	elephone Fax				
Name (Print/Type) Jay Sandros	Registration No. (Attorney/Agent) 43,900				
Signature Signature	Date 02/25/2004				

This collection of information (s) equired by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
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TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(s) 810.00

Complete if Known					
Application Number					
Filing Date	February 25, 2004				
First Named Inventor	Ward S. Titus				
Examiner Name					
Art Unit					
	2550/106				

Allotties Docker No. 2556/176									
METH	OD OF PA	YMENT (check all tha	t apply)				FE	E CALCULATION (continued)	
Check	Credit card	Money Oth	er None	3. ADDITIONAL FEES					
Order Contract		L <u>arge</u>	Entity	Smal	I Entity	!			
X Deposit Account: Deposit 10.1072		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Foe Doid		
Account	İ	19-4972	·	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit			, , , , , , , , , , , , , , , , , , ,	1052	50	2052		Surcharge - late provisional filing fee or	-
Account Name Bromberg & Sunstein LLP						cover sheet			
The Director is authorized to: (check all that apply)		1053	130	1053		Non-English specification	<u> </u>		
Charge fee(s) indicated below X Credit any overpayments			2,520		•	For filing a request for <i>ex parte</i> reexamination			
Charge any additional fee(s) or any underpayment of fee(s)		1804	920*	1804	920-	Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee		1805	1,840*	1805	1,840*				
to the above-ic	dentified deposit	t account.						Examiner action	
	FEE C	ALCULATION		1251	110	2251	-	Extension for reply within first month	
	ILING FEE			1252	420	2252		Extension for reply within second month	
Large Entity		For Description	Fee Paid	1253	950	2253		Extension for reply within third month	
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	ree Palu	1254	1,480	2254		Extension for reply within fourth month	
1001 770	2001 385	Utility filing fee	770.00	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340	2002 170	Design filing fee	770.00	1401	330	2401	165	Notice of Appeal	
1003 530	2003 265	Plant filing fee		1402	330	2402	165	Filing brief in support of an appeal	
1004 770	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	<u> </u>
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1	ا	SUBTOTAL (1) (\$)	770.00	1452	110	2452	55	Petition to revive - unavoidable	
2 EXTRA				1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1501	1,330	2501	665	Utility issue fee (or reissue)			
Takal Claims		Extra Claims below		1502	480	2502	240	Design issue fee	
Total Claims Independent		** = [0		1503	640	2503	320	Plant issue fee	
Claims Multiple Dependent 2 - 3** = 0		1460	130	1460	130	Petitions to the Commissioner			
		1807	50	1807	50	Processing fee under 37 CFR 1.17(q) ,			
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description		1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$)	Code (\$)			8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 1201 86	2202 9 2201 43		excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290	2203 145	Multiple dependent cla	im, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86	2204 43	** Reissue independen	t claims	1004	770	2024	005	examined (37 CFR 1.129(b))	
1005 40	0005	over original patent		1801	770	2801		Request for Continued Examination (RCE)	\vdash
1205 18	2205 9	** Reissue claims in ex and over original pat		1802	900	1802	300	Request for expedited examination of a design application	
	SUE	STOTAL (2) (\$)	0.00		fee (sp				
••or numbe		id. if greater: For Reissues		*Red	uced by	Basic	Filing F	ee Paid SUBTOTAL (3) (\$)	40.00

SUBMITTED BY			(Complete (if applicable)
Name (Print/Type)	Jay Sandvos	Registration No. (Attorney/Agent) 43,900	Telephone 617-443-9292
Signature	M		Date February 25, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Titus et al.

Application No.:

Group No.: Examiner:

Date Filed: 02/25/2004

For: An Improved MOS Varactor For LC VCOs

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV 401275886 US Date of Deposit 02/24/2004

I hereby state that the following attached paper or fee

Utility Patent Application Transmittal and enclosures referred to therein

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jay Sandvos

hature of person mailing paper or fee

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